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NEW TIMES OF MINIMA OF SOME ECLIPSING BINARY STARS

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Observatory and telescope:	
30-cm Cassegrain–Schmidt telescope of the Çanakkale University Observatory	
Detector:	ST237 camera, Peltier cooling, TC237 chip, 11' × 8' FOV, 640 × 480 pixels, (ÇUG301); ST10XME camera, Peltier cooling, KAF 3200ME chip, 17' × 12' FOV, 2184 × 1472 pixels, (ÇUG302)
Method of data reduction:	
Reduction of the CCD frames was made with C-MUNIPACK software (Motl, 2004)	
Method of minimum determination:	
Kwee–van Woerden method (Kwee & van Woerden, 1956)	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
WZ And	53982.3315	0.0002	II	C	ÇUG301
	53987.5624	0.0002	I	C	ÇUG301
RT And	53983.3656	0.0003	I	C	ÇUG301
	54016.3838	0.0004	II	C	ÇUG301
	54055.3795	0.0002	II	C	ÇUG301
AB And	53981.2904	0.0001	I	C	ÇUG301
	54016.3037	0.0002	II	C	ÇUG301
LO And	53982.4468	0.0003	I	C	ÇUG301
	53987.3992	0.0001	I	C	ÇUG301
KO Aql	53985.2901	0.0003	I	C	ÇUG301
OO Aql	53995.3022	0.0001	I	C	ÇUG301
CX Aqr	53984.3647	0.0003	I	C	ÇUG301
IM Aur	53982.5077	0.0008	I	C	ÇUG301
CL Aur	54054.3794	0.0001	I	C	ÇUG301
SX Aur	54044.3888	0.0005	I	C	ÇUG301
AB Cas	53995.3590	0.0002	I	C	ÇUG301
BZ Cas	53998.3172	0.0002	I	C	ÇUG301
CW Cas	53998.3347	0.0002	I	C	ÇUG301
TV Cas	54013.4270	0.0005	I	C	ÇUG301
TW Cas	54013.4354	0.0005	I	C	ÇUG301

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
V523 Cas	53987.3632	0.0001	I	C	ÇUG301
	54055.4858	0.0002	II	C	ÇUG301
EG Cep	53657.29724	0.00006	I	BVR_c	ÇUG302
DK Cyg	54014.4274	0.0003	I	C	ÇUG301
KR Cyg	53984.3076	0.0003	I	C	ÇUG301
WZ Cyg	53985.3679	0.0001	I	C	ÇUG301
ZZ Cyg	53685.27620	0.00007	I	BVR_c	ÇUG302
	53985.4359	0.0005	II	C	ÇUG301
	54054.2720	0.0002	I	C	ÇUG301
V456 Cyg	54024.2818	0.0002	II	C	ÇUG301
V700 Cyg	54013.3378	0.0001	I	C	ÇUG301
TY Del	54014.3387	0.0002	I	C	ÇUG301
UX Eri	54054.5423	0.0004	II	C	ÇUG301
SW Lac	53993.4066	0.0001	I	C	ÇUG301
TW Lac	53981.5538	0.0002	I	C	ÇUG301
Y Leo	54057.4833	0.0002	I	C	ÇUG301
TZ Lyr	53998.4246	0.0005	II	C	ÇUG301
V839 Oph	53983.2994	0.0002	II	C	ÇUG301
ER Ori	54055.5439	0.0006	II	C	ÇUG301
U Peg	53685.3553	0.0001	II	BVR_c	ÇUG302
	53985.5537	0.0002	II	C	ÇUG301
	53991.3630	0.0003	I	C	ÇUG301
BB Peg	53991.4089	0.0008	II	C	ÇUG301
BO Peg	53991.3807	0.0011	I	C	ÇUG301
BX Peg	53985.4890	0.0010	II	C	ÇUG301
DI Peg	53991.3226	0.0003	II	C	ÇUG301
DK Peg	53991.4908	0.0010	I	C	ÇUG301
Z Per	53984.4171	0.0005	I	C	ÇUG301
RT Per	53983.4158	0.0002	I	C	ÇUG301
ST Per	53983.4459	0.0007	I	C	ÇUG301
V432 Per	53983.4548	0.0003	I	C	ÇUG301
UV Psc	53984.4866	0.0004	I	C	ÇUG301
RZ Tau	54058.3560	0.0002	II	C	ÇUG301
AH Tau	54057.4103	0.0002	II	C	ÇUG301
V781 Tau	54013.5775	0.0005	I	C	ÇUG301
V Tri	54055.2800	0.0002	I	C	ÇUG301
X Tri	53995.4322	0.0003	II	C	ÇUG301

Remarks:

We present 57 minima times of 47 eclipsing binaries. In the Remarks column of Times of Minima table, telescopes used in the observations are given.

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 Motl, D., 2004, C-MUNIPACK, <http://integral.sci.muni.cz/cmunicpack/>